

Converting Colors

YUV(96.2220, -13.9134,
-64.2157)

Have a look what the booklet for
YUV(96.2220, -13.9134, -64.2157)
contains.

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Color

**YUV(96.2220, -13.9134,
-64.2157)**

Conversions

Conversions Part 1

Format	Color
Hex	178B44
RGB	23, 139, 68
RGB Percent	9%, 55%, 27%
CMY	0.9098, 0.4549, 0.7333
CMYK	0.83, 0.00, 0.51, 0.45
HSL	143°, 72%, 32%
HSV	143°, 83%, 55%
XYZ	10.6294, 19.0648, 8.5885
YIQ	96.2220, -46.3450, -46.6730

Conversions

Conversions Part 2

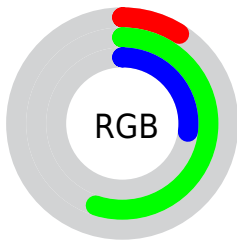
Format	Color
RYB	23, 107, 139
Decimal	1542980
CIELab	50.76, -46.88, 29.34
CIElCh	51, 55.299, 147.961
Yxy	19.0648, 0.2777, 0.4980
Android (android.graphics.Color)	4279733060 (0xFF178B44)
YUV	96.2220, -13.9134, -64.2157
Hunter-Lab	43.6632, -32.9566, 18.9020

Details

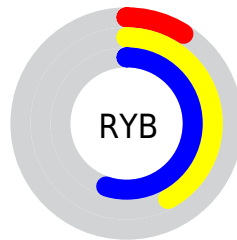
The YUV color **96.2220, -13.9134, -64.2157** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **65.7780, 13.9134, 64.2157**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.2400, -17.8663, -56.3385**, and **53.4630, -16.0043, -46.8871** is the 20% darker color. If you saturate the color by 10%, you get **91.0100, -15.7809, -71.9228**, and if you desaturate by 10%, it is **101.4340, -12.0460, -56.5086**.

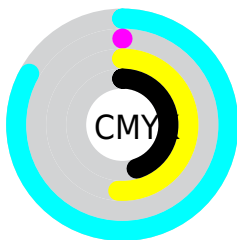
Distribution



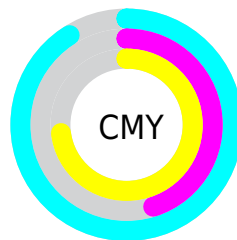
- Red (9%)
- Green (55%)
- Blue (27%)



- Red (9%)
- Yellow (42%)
- Blue (55%)



- Cyan (83%)
- Magenta (0%)
- Yellow (51%)
- Black (45%)





- Cyan (91%)
- Magenta (45%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YUV color 96.2220, -13.9134, -64.2157 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 96.2220, -13.9134, -64.2157 by changing the saturation by 10% instead.


 96.2220, -13.9134,
-64.2157


 96.2220, -13.9134,
-64.2157


255.0000, 0.0000,
0.0000


 71.3470, -13.4821,
-62.5713


 154.2400,
-17.8663, -56.3385


 53.4630, -16.0043,
-46.8871


 182.0120,
-18.7399, -56.1385

 36.9810, -18.2316,
-32.4323

 210.6700,
-20.0503, -55.8386

 24.6540, -12.1544,
-21.6216

 224.5820,
-13.1049, -43.4834

 2.9350, -1.4470,
-2.5740

 236.4450, -5.1494,
-28.4543

 0.0000, 0.0000,
0.0000

 248.7210, 3.0955,

-12.9103

■ 96.2220, -13.9134,
-64.2157

■ 96.2220, -13.9134,
-64.2157

■ 91.0100, -15.7809,
-71.9228

■ 101.4340,
-12.0460, -56.5086

■ 87.7490, -16.6383,
-76.9559

■ 106.5320,
-10.6153, -48.7016

■ 111.7440, -8.7478,
-40.9945

■ 116.8420, -7.3171,
-33.1874

■ 122.0540, -5.4496,
-25.4804

■ 126.8530, -3.8715,
-18.2881

■ 132.0650, -2.0040,
-10.5810

■ 137.1630, -0.5734,
-2.7740

■ 142.3750, 1.2941,
4.9331

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



110.0600, -41.4416, -7.9456



96.2220, -13.9134, -64.2157



97.1650, 9.2857, -85.2137

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



96.2220, -13.9134, -64.2157



99.0590, 57.1589, -86.8747



116.7770, -18.1311, 75.6176

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



96.2220, -13.9134, -64.2157



65.7780, 13.9134, 64.2157

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



118.2000, 3.8454, 73.4926



96.2220, -13.9134, -64.2157



122.0260, 40.9062, -7.0388

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



96.2220, -13.9134, -64.2157



103.8060, 47.4236, -91.0379



123.2900, 24.0140, 44.4727



117.2760, -38.5901, 57.6399

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96.2220, -13.9134, -64.2157



100.9270, 23.7000, -88.5130



123.2900, 24.0140, 44.4727



117.0360, -10.8637, 78.0214

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



96.2220, -13.9134, -64.2157



164.3530, -5.5970, -24.8656



112.6200, -44.1827, -15.4527



81.6900, -3.2982, -15.5141



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.2220, -13.9134, -64.2157



114.2270, -21.8039, -100.1771



102.7200, 10.9840, -69.9144



66.4510, -0.7153, -3.9035



83.8850, -16.2123, -73.5671



3.1630, -0.5734, -2.7740

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



65.7780, 13.9134, 64.2157



66.7730, 21.8039, 100.1771



59.2800, -10.9840, 69.9144



64.5490, 0.7153, 3.9035



49.0010, 15.7755, 73.6671



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 96.2220, -13.9134, -64.2157 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 96.2220, -13.9134, -64.2157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 96.2220, -13.9134, -64.2157 Background



This preview shows how black text looks on a background with the YUV color 96.2220, -13.9134, -64.2157.



This preview shows how white text looks on a background with the YUV color 96.2220, -13.9134,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

96.2220, -13.9134, -64.2157

Protanopia

117.2750, -27.2506, 13.7908

Deuteranopia

119.2960, -22.3309, 22.5424



Tritanopia

110.1280, 15.7129, -46.5933

Trichromacy



Original Color

96.2220, -13.9134, -64.2157



Protanomaly

109.6520, -22.5064, -14.6038



Deuteranomaly

111.1950, -19.3231, -8.9410



Tritanomaly

105.2230, 4.8201, -52.8156

Monochromacy



Original Color

96.2220, -13.9134, -64.2157



Achromatopsia

96.0000, 0.0000, 0.0000



Achromatomaly

96.1790, -5.0182, -23.8360

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.2220, -13.9134, -64.2157 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(23, 139, 68)` looks like.

```
.text, #text, p{  
    color:rgb(23, 139, 68)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(23, 139, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 139, 68) }
```

Border

The CSS property to change the border of an element to YUV 96.2220, -13.9134, -64.2157 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(23, 139, 68) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(23, 139, 68) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(23, 139, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 139, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 139, 68);  
box-shadow:4px 4px 4px 4px rgb(23, 139,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 96.2220, -13.9134, -64.2157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 139, 68) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(23, 139,  
68) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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